Project Name/Location:

Contract Number: W9127N-05-C-0012

Columbia River Channel Improvement *- RM 15+27 to 16+10.*

Date: 10/21/2005

Dredging
Load Number
1033
Tidal Stage
Ebb
Dredge State:
Overflow through skimmers only
Weather:
Clear
Wind:
5-10 kts
Seas:
0-1'
Disposal location
Columbia River DWS

Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
DR-1	20.6	10:26:05	7365896.34	942243.24	2.5	
DR-2	20.5	10:28:21	7366720.12	942452.89	14.8	9.5
DR-2R1	20.4	10:28:28	7366716.16	942459.14	14.7	9.4
DR-4	20.3	10:30:31	7367021.50	942592.66	2.5	
DR-3	20.6	10:32:59	7365970.48	941680.52	3.5	
DR-3R1	20.4	10:33:15	7365970.48	941680.52	3.0	

Remarks:	Action Taken:
DR-2 exceeded 10% over background, taken in the plume.	Re-test DR-2R1 was taken.
DR-3 exceeded 10% over background, taken out of the plume,	Re-test DR-3R1 was taken.
on port side.	
	The dredge moved away from the area while continuing dredging to avoid further increasing the turbidity at the location where the exceedence was measured. The dredge coordinates were marked on the GPS screen to insure no further dredging occurred at the location where the exceedence was measured.

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel		
DR-2	100' Down Current	OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)	WA	Not Required
DR-4	900' Down Current from point of dredging	WA	Not Required
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		

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Columbia River Channel Improvement - *RM 15+27 to 16+10.*

Date: 10/21/2005

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number	DR-1	20.3	15:12:26	7364814.27	941606.18	2.1	
1034	DR-3	20.7	15:14:57	7365507.36	941821.14	2.2	
Tidal Stage	DR-2	20.0	15:16:30	7365771.79	941779.90	18.4	7.6
Flood	DR-2R1	19.7	15:16:33	7365771.79	941779.90	22.9	9.1
Dredge State:	DR-4	19.9	15:18:42	7366507.28	941999.25	11.2	
Overflow through skimmers only	DR-4R1	19.9	15:18:46	7366511.75	942005.15	11.4	
Weather:							
Clear							
Wind:							
0-5 kts							
Seas:							
1-2'							
Disposal location							
Columbia River DWS							

Remarks:	**Action Taken:**
DR-2 exceeded 10% over background, taken in the plume.	Re-test DR-2R1 was taken.
DR-4 exceeded 10% over background, taken in the plume.	Re-test DR-4R1 was taken.
DR-3 taken out of plume, on starboard side.	
	The dredge moved away from the area while continuing dredging to avoid further increasing the turbidity at the location where the exceedence was measured. The dredge coordinates were marked on the GPS screen to insure no further dredging occurred at the location where the exceedence was measured.

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel		
DR-2	100' Down Current	OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)	WA	Not Required
DR-4	900' Down Current from point of dredging	WA	Not Required
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		